

DesignLights Consortium



Manufacturer	ASD Lighting Corp
Product Website	View Website
QPL	Networked Lighting Controls
Listing Status	Listed
Date Qualified	2024-10-29
Product Case Studies	View Website
Technical Support Phone	+8613410390591
Standard Warranty Length	5

SUMMARY VIEW DETAILS

- ✓ [Networking](#)
- ✓ [Occupancy Sensing](#)
- ✗ Traffic Sensing
- ✓ [Daylight Harvesting](#)
- ✓ [High-End Trim](#)
- ✓ [Zoning](#)
- ✓ [Individual Luminaire Addressability](#)
- ✓ [Continuous Dimming](#)
- ✓ [Control Persistence](#)
- ✓ [Scheduling](#)
- ✓ [Energy Monitoring](#)
- ✓ [Remote Diagnostics](#)
- ✓ [User Interface](#)
- ✓ [Luminaire Level Lighting Control \(LLLC\)](#)
- ✓ [Personal Control](#)
- ✗ Load Shedding/Demand Response
- ✗ Plug Load Control
- ✗ External Systems Integration
- ✓ [Emergency Lighting](#)
- ✓ [Cybersecurity](#)
- ✓ [Color Changing/Tuning](#)
- ✓ [Scene Control](#)

NETWORK VIEW DETAILS

Has Networking	Yes
Max devices per network	3071pcs
Max devices per onsite system with central UI	200pcs
Max devices per cloud system	Unlimited
Max distance between nodes with obstructions, ft	50
Wired and/or wireless communication with edge devices	Wireless
Gateway/bridge connection to server	WiFi
How is an edge device added to the network?	Auto-discovered, plus manual configuration with UI
Local and/or Cloud server	Either local or cloud server is required
Has Zoning	Yes
Has Individual Luminaire Addressability	Yes
Has LLLC	Yes
Luminaires available with LLLC	https://asd-lighting.com/
Kits available with LLLC	https://asd-lighting.com/
Device uses "Send on Delta" concept on user defined rule	Yes
Has Control Persistence	Yes
Persistent Control Strategies	Occupancy sensing, Daylight harvesting, High end trim/ task tuning
Where programmable parameters are stored for control persistence	In the sensor

INTEROPERABILITY VIEW DETAILS

Has Energy Monitoring	Yes
Energy monitoring method	True power meter (current and voltage)
Is optional hardware or software needed?	Yes
If metered, meter location	Panel, solid core CT
Duration that aggregated energy data is available	A year
Loads included in a data point of the reported power/energy consumption	Sensors
Data record .CSV and/or API	.CSV

ENERGY SAVING STRATEGIES VIEW DETAILS

Has Occupancy Sensing	Yes
Single Tech Sensor Types	Microwave, PIR
Standard Ceiling Height PIR Coverage/Mounting Options	Ceiling, Corridor

High-Bay PIR Coverage/Mounting Options	Ceiling, Corridor
Default Time Delay (in minutes)	5
Time delay field adjustable	Yes
Unoccupied dim (besides off) level is available	Yes
Has Daylight	Yes
Zhaga Book 18 controller available	Yes
Has High-End Trim	Yes
Minimum Setting	60

CONTROL VIEW DETAILS

Has Continuous Dimming	Yes
Dimming curves ahead	Linear
Has Scheduling	Yes
Astronomical time-clock	Yes
Holiday/Special Events	Yes
Upload floorplan	Yes
UI Floorplan Export API	Yes
Place devices on a graphic grid, as floorplan substitute	Yes
Display GIS-based siteplan map(Exterior)	Yes
Display existing system settings	Yes
User interface platform(s)	App for Android, App for iOS
Has Personal Control	Yes
Method of Control (Interface)	App for Android, App for IOS
Luminaire groups available for personal control	Yes
Scene Programming	GUI
Scene Selection method	GUI

ADDITIONAL CAPABILITIES VIEW DETAILS

Color data type	Digital
Control type	CCT graphic display
Has Cybersecurity	Yes
Cybersecurity standard(s) met	ISO 27,001, ISO 27,017, CSA STAR
Has Remote Diagnostics	Yes
Characteristics remotely monitored, diagnosed, and/or reported	Status: online/offline devices
Types of alerts	GUI alerts
Has Emergency Lighting	Yes

START-UP AND CONFIGURATION VIEW DETAILS

Ease of Implementation	Installation contractor with less than 1 day of training
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VERSION HISTORY VIEW DETAILS

2023-07-27	Listed	5
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